

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A drum maintenance unit comprising:

a latching mechanism that releasably secures the drum maintenance unit to a media device and provides electrical contact with the media device when the drum maintenance unit is installed in the media device;

a sensing mechanism comprising a data device in electrical contact with the latching mechanism, wherein the latching mechanism further provides a data connection point between the data device and the media device when the drum maintenance unit is installed in the media device; and

a protective layer provided between the data connection point of the data device and the media device when the drum maintenance unit is installed in the media device.

2. (Original) The drum maintenance unit according to claim 1, wherein the latching mechanism provides a signal to the media device that the drum maintenance unit is properly installed in the media device.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Currently Amended) The drum maintenance unit according to ~~claim 6~~ claim 1, wherein the protective layer comprises a metal mesh.

8. (Currently Amended) The drum maintenance unit according to ~~claim 7~~ claim 1, wherein the protective layer has properties to prevent corrosion between the data device and the media device.

9. (Original) The drum maintenance unit according to claim 1, wherein the latching mechanism provides an electrical ground for the drum maintenance unit when the drum maintenance unit is installed in a media device.

10. (Original) The drum maintenance unit according to claim 1, further comprising a recess formed in a portion of one of the drum maintenance unit and a media device and a corresponding member on the other of the drum maintenance unit and the media device, the corresponding member being adapted to engage the recess when the drum maintenance unit is installed in a media device.

11. (Original) The drum maintenance unit according to claim 10, wherein the recess comprises an angular slot.

12. (Original) The drum maintenance unit according to claim 11, wherein the angular slot comprises a V shaped slot.

13. (Canceled)

14. (Currently Amended) The drum maintenance unit according to ~~claim 13~~ claim 20, wherein the V shaped slot has a second surface that has a second dimple to assure that contact is made with the corresponding member of the device.

15. (Currently Amended) A drum maintenance unit comprising:
a positioning mechanism that properly positions the drum maintenance unit to a media device and provides electrical contact with the media device when the drum maintenance unit is installed in the media device, wherein the positioning mechanism provides a signal to the media device when the drum maintenance unit is properly installed in the media device;

a latching mechanism that releasably secures the drum maintenance unit to a media device and provides electrical contact with the media device when the drum maintenance unit is installed in the media device;

a sensing mechanism comprising a data device in electrical contact with the latching mechanism, wherein the latching mechanism further provides a data connection point between the data device and the media device when the drum maintenance unit is installed in the media device; and

a protective layer provided between the data connection point of the data device and the media device when the drum maintenance unit is installed in the media device.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (New) A drum maintenance unit comprising:

a latching mechanism that releasably secures the drum maintenance unit to a media device and provides electrical contact with the media device when the drum maintenance unit is installed in the media device and

a recess formed in a portion of one of the drum maintenance unit and a media device and a corresponding member on the other of the drum maintenance unit and the media device, the corresponding member being adapted to engage the recess when the drum maintenance unit is installed in a media device, wherein the recess further comprises an angular slot comprising a V shaped slot with a first surface that has a first dimple, and the first surface is oriented so that at least the first dimple is in contact with the corresponding member of the device.